

*REPLACED BY
ART 34 AMDT*

CLAIMS

1. A non-lethal marker projectile comprising a hollow body having an opening at the front; a marker substance disposed within the hollow body; and an expelling member within the hollow body behind the marking substance; the hollow body and expelling member being configured such that upon impact of the projectile with a target, the momentum of the expelling member relative to the hollow body carries the expelling member forwardly to expel the marking substance through the opening and characterised by a separator extending at least partly over the front opening, the separator defining two or more spaces through which the marker substance may pass when expelled through the opening.
5. A non-lethal marker projectile comprising a hollow body having an opening at the front; a marker substance disposed within the hollow body; and an expelling member within the hollow body behind the marking substance; the hollow body and expelling member being configured such that upon impact of the projectile with a target, the momentum of the expelling member relative to the hollow body carries the expelling member forwardly to expel the marking substance through the opening and characterised by a separator extending at least partly over the front opening, the separator defining two or more spaces through which the marker substance may pass when expelled through the opening.
10. A non-lethal marker projectile as claimed in claim 1 characterised in that the separator comprises a cap which is secured to an outer wall or edge of the hollow body adjacent the front opening.
15. A non-lethal marker projectile as claimed in 2 characterised in that cap is secured in such a way that the aerodynamic properties of the projectile are not significantly compromised.
20. A non-lethal marker projectile as claimed in any preceding claim characterised in that the separator comprises one or more arms extending between the periphery of the front opening and the centre of the front opening.
25. A non-lethal marker projectile as claimed in any preceding claim characterised in that the separator comprises one or more arms extending between the periphery of the front opening and the centre of the front opening.
30. A non-lethal marker projectile as claimed in any preceding claim characterised in that the separator comprises one or more arms extending between the periphery of the front opening and the centre of the front opening.

5. A non-lethal marker projectile as claimed in claim 4 characterised in that the arms extend symmetrically from the centre to the periphery of the opening.
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6. A non-lethal marker projectile as claimed in claim 4 or claim 5 characterised by between two and four arms.
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7. A non-lethal marker projectile as claimed in claim 6 characterised in that there are three arms.
8. A non-lethal marker projectile as claimed in any preceding claim characterised in that the separator has a domed configuration, the peak of the dome sitting in substantial alignment with the centre of the front opening.
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9. A non-lethal marker projectile as claimed in any preceding claim characterised in that the hollow body is provided with means for centring the expelling member therein during flight of the projectile.
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10. A non-lethal marker projectile as claimed in claim 9 characterised in that the centring means is a recess in a forwardly facing surface within the interior of the hollow body.
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11. A non-lethal marker projectile as claimed in any one of the preceding claims characterised in that the hollow body comprises a sleeve having a core body portion secured within a rear end thereof, the inner wall of the sleeve and a
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forwardly facing surface of the core body portion defining a chamber within which the marking substance and expelling member are disposed.

- 5 12. A non-lethal marker projectile as claimed in claim 10 or 11 characterised in that the recess is conical, frustoconical, hemispherical or part hemispherical.
- 10 13. A non-lethal marker projectile as claimed in any of claims 10 to 12 characterised in that the sleeve has a cylindrical form, and a spigot portion of the core body member is received within the rear end of the sleeve.
- 15 14. A non-lethal marker projectile as claimed in any one of claims 10 to 3 characterised in that the sleeve is formed from a material having a greater density than the material from which the core body portion is formed.
- 20 15. A non-lethal marker projectile as claimed in 14 characterised in that the sleeve is formed from a metal material and the core body portion is formed from a plastics material.
- 25 16. A non-lethal marker projectile as claimed in 15 characterised in that the sleeve is formed from aluminium.
17. A non-lethal marker projectile as claimed in any one of the preceding claims characterised in that the expelling member is formed from a material having a greater density than the material(s) from which the hollow body is formed.

18. A non-lethal marker projectile as claimed in claim 17 characterised in that the expelling member is formed from steel.